

What Is Claimed Is:

1. A method of reducing fraudulent access to communication system resources by a mobile station, the method comprising the steps of:

transmitting a first message to invoke performance of a first

5 authentication procedure;

receiving a second message containing a first parameter indicating a status of the first authentication procedure and containing at least a second parameter associated with a second authentication procedure; and

determining whether to delay the mobile station access to the
10 communication system resources until the second authentication procedure has completed successfully.

2. The method of claim 1 wherein the step of determining comprises the steps of:

15 determining whether the first parameter is an AuthenticationFailureEvent parameter;

if the first parameter is the AuthenticaitonFailureEvent parameter, delaying the MS access to the communication system resources until the second authentication procedure has completed successfully.

3. The method of claim 1 wherein the step of determining comprises the steps of:

determining whether the first parameter is a Deny Access parameter;

25 if the first parameter is not the Deny Access parameter, determining whether the first parameter is an AuthenticationFailureEvent parameter;

if the first parameter is not the AuthenticationFailureEvent parameter, initiating call setup before the second authentication procedure has completed.

4. The method of claim 3 further comprising the steps of:

30 determining whether the second authentication procedure is successful; and

if unsuccessful, discontinuing call setup.

5. The method of claim 1 wherein the second authentication procedure is a Unique Challenge procedure.

5 6. The method of claim 1 wherein the second authentication procedure is an SSD Update procedure.